

**ABSTRACT OF THE DISCLOSURE**

A method for mixing a liquid in a container in a diagnostic analyzer that includes: (a) providing a probe having a probe tip for aspirating and dispensing the liquid in the container; (b) providing the container containing one or more liquid(s) to be mixed; (c) inserting the probe into a first location of the container; (d) aspirating the one or more liquid(s) into the probe; (e) repositioning the probe or container to place the probe at a second location in the container; and (f) dispensing the one or more liquid(s) with the probe. A method of determining the amount of an analyte in a sample, includes the steps of: providing a sample containing an analyte in a container; providing a first reagent in the container; mixing the first reagent and sample as described above; optionally incubating the combined sample and reagent; optionally adding a second reagent to the container and mixing the second reagent and sample and first reagent as described above; and analyzing the sample for an analyte.